September 30, 1966

TECHNICAL TRANSLATIONS

V. 16 #6

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U. S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

September 30, 1966 Volume 16, Number 6

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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01 AERONAUTICS

A. Aerodynamics

TT-66-60985 Field 1A

ENGINEERING JOURNAL VOL. 5, NO. 3, 1965: SELECTED ARTICLES. 21 Jan 66, 30p, 6refs. FTD-TT-65-1785; AD-630 969.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as AD-630 969

Unedited rough draft trans. of Inzhenernyi Zhurnal (USSR) v5 n3 p416-24, 548-53 1965.
For another listing of this journal see, 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

02 AGRICULTURE

TT-66-32320 Field 2-, 6H, 13B, 5C

AFRICA: TRANSLATIONS NO. 382. Economic Survey of Mauritania. 7 Jun 66, 24p. JPRS-35886.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32320

TT-66-32550 Field 2-

SOVIET AGRICULTURE: TRANSLATIONS NO. 131. 21 Jun 66, 18p. JPRS-36116.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32550

B. Agricultural economics

TT-65-33361 Field 2B, 2D, 5C, 5D, 5I, 6E, 6I

STUDIES, NO. 10, 1965: TRANSLATIONS. 9 Nov 65, 134p. JPRS-32783.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-33361

Trans. of Hoc Tap (North Vietnam) n10 79p 1965.

TT-66-32506 Field 2B, 2E, 2F, 2C, 6C, 6F

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 445. 20 Jun 66, 150p. JPRS-36072.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-32506

TT-66-32567 Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 447. 23 Jun 66, 56p. JPRS-36133.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-66-32567

C. Agricultural engineering

TT-66-32312 Field 2C, 2D

Alekseevskii, E. E.
LARGE-SCALE DEVELOPMENT OF LAND IMPROVEMENT TO OBTAIN HIGH AND STABLE YIELDS OF GRAIN AND OTHER AGRICULTURAL CROPS. 7 Jun 66, 26p. JPRS-35878.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32312

Trans. from Izvestiya (USSR) 28 May p3-5 1966.

TT-66-32471 Field 2C, 6C

Herdea, V.
PERSPECTIVES OF SCIENTIFIC RESEARCH IN ZOOTECHNOLOGY. 16 Jun 66, 7p. JPRS-36037.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32471

Trans. of Lupta de Clasa (Rumania) v46 n4 p95-9 1966.

TT-66-32667 Field 2C, 5D

PRAVDA EDITORIALS (23-24 JUN 66): TRANSLATIONS NO. 637. 28 Jun 66, 8p. JPRS-36234.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32667

D. Agronomy and horticulture

TT-66-31145 Field 2D, 2C, 6E, 6I, 6O

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 2. Study Science. 24 Mar 66, 25p. JPRS-34706.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-31145

TT-66-60121 Field 2D

Sokolov, V. S.; Medvedev, P. F.
SEMINAR ON NEW ENSILAGE FORAGE PLANTS. Aug 64, 8p. ABL-Trans-1151; AD-625 641.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-625 641

Trans. of Botanicheskii Zhurnal (USSR) v48 n9 p1404-6 1963.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-61-11147-119 Field 3A, 4B, 22-

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE NO. 119. 4 Nov 65, 62p. JPRS-32729.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-119
Also available on subscription $16.00/year, foreign $20.00/year.

TT-61-11147-120 Field 3A, 4B, 22-

SOVIET-BLOCK RESEARCH IN GEOPHYSICS, ASTRONOMY AND SPACE NO. 120. 17 Nov 65, 68p. JPRS-32898.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-120

Also available on subscription $16.00/year, foreign $20.00/year.

TT-61-11147-136 Field 3A, 4B, 22-

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 136. 18 Jul 66, 70p. JPRS-36553.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-61-11147-136

Also available on subscription $16.00/year, foreign $20.00/year.

TT-65-64163 Field 3A

COSMIC RESEARCH, VOL. 3 NO. 4, 1965. 18 Oct 65, 281p, 112refs. FTD-TT-65-1262; AD-622 386.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as AD-622 386

Unedited rough draft trans. of Kosmicheskie Issledovaniya (USSR) v3 n4 p507-663 1965.

TT-66-61510 Field 3A

Markov, A. V.
RELATIVE DEPTHS OF LUNAR RING MOUNTAINS AND CRATERS IN THE MARE NUBIUM. Tr. by E. R. Hope. May 66, 4p, 11refs. DSIS-T-457-R; AD-634 379.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-634 379

Trans. of Akademiya Nauk SSSR, Doklady, v167 n1 p63-4 1966.

B. Astrophysics

TT-66-32495 Field 3B, 2C, 6E

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 47. 20 Jun 66, 11p. JPRS-36061.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32495

C. Celestial mechanics

TT-65-63296 Field 3C, 22C, 8E, 4A, 6C, 6K, 6M

COSMIC RESEARCH, VOL. 3, NO. 3, 1965. 18 Aug 65, 274p. FTD-TT-65-828; AD-619 986.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as AD-619 986

Unedited rough draft trans. of Kosmicheskie Issledovaniya (USSR) v3 n3 p347-504 1965.

04 ATMOSPHERIC SCIENCES

B. Meteorology

TT-66-32454 Field 4B, 6E, 5I

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 321. 15 Jun 66, 33p, refs.
JPRS-36020.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32454

TT-66-60963 Field 4B

SPRING-WOUND PSYCHROMETER, GOST 6353-52 AND ELECTRIC PSYCHROMETER M-34. Mar 66, 22p.
FSTC-HT-23-54-66; AD-630 858.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as AD-630 858

Trans. of mono. Psikhrometr Aspiratsionnyi s Elektromotorom M-34, n.p., n.d.

TT-66-61008 Field 4B

Lo Hsui-ch'ing.
TURBULENT DIFFUSION FROM A CONTINUOUS POINT SOURCE IN THE PRESENCE OF VERTICAL ADVECTION. Nov 65, 15p, 8refs. Emm-65-17; AD-631 059.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-631 059

Trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v33 n3 p375-81 1963.
Prepared under Contract AF 19(628)-5073.

TT-66-61009 Field 4B

Su Tsung-shian.
TURBULENCE IN THE SURFACE LAYER OF A STRATIFIED ATMOSPHERE. Nov 65, 21p, 17refs. Emm-65-41; AD-631 060.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-631 060

Trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v20 n2 p73-82 1958.
Translated under Contract AF 19(628)-5073.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-65-30516 Field 5A, 6C, 9B

HERALD OF THE ACADEMY OF SCIENCES USSR, 1964, VOL. 34, NO. 6, 1964: SELECTED ARTICLES. 16 Mar 65, 21p. JPRS-29130.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30516

Trans. of Akademiya Nauk SSSR, Vestnik v34 n6 p48-50, 58-60, 65-8, 101-2 1964.

TT-66-32288 Field 5A, 6O

Pau, E.
RUMANIAN INVENTIONS IN THE FLIELDS OF MINING, COKING, MATERIALS TESTING, PARTICLE ACCELERATORS, AND CHEMISTRY. 6 Jun 66, 11p. JPRS-35854.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32288

Trans. of Inventii si Inovatii (Rumania) v2 p41-5 1966.

TT-66-32463 Field 5A, 20-, 6O

APPLICATION OF PHYSICS IN PRODUCTION. 16 Jun 66, 9p. JPRS-36029.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32463

Trans. of Stiinta si Tehnica (Rumania) v17 n3 p3-5, 12 1966.

TT-66-32500 Field 5A, 6-

CONFERENCES IN THE SOVIET BLOC NO. 20.
20 Jun 66, 77p. JPRS-36066.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32500

TT-66-61085 Field 5A, 9B, 7B, 6S, 22A, 20D, 6D

FOREIGN SCIENCE BULLETIN, VOL. 2, NO. 4.
Apr 66, 82p, 69refs. AD-631 429.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75
as AD-631 429

A Monthly Review of Selected Foreign Scientific and Technical Literature Sponsored by the Department of Defense.

B. Documentation and information technology

TT-66-30601 Field 5B, 5G

SCIENTIFIC AND TECHNICAL INFORMATION NO. 9 1965: SELECTED ARTICLES. 16 Feb 66, 168p, refs. JPRS-34159.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-30601

Trans. of Nauchno-Tekhnicheskaya Informatsiya (USSR) n9 p3-9, 11-7, 21-35, 37-54, 63 1965.

TT-66-32404 Field 5B

THE UNIVERSAL DECIMAL CLASSIFICATION SYSTEM.
13 Jun 66, 5p. JPRS-35970.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32404

Trans. of Mikrobiologiya (USSR) v35 n1 p188-9 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

C. Economics

TT-65-31686 Field 5C

CUBA: TRANSLATIONS NO. 283. 21 Jul 65, 52p.
JPRS-31189.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as
TT-65-31686

Trans. from Gaceta Oficial (Cuba) 14 May p205-23 1965.

TT-65-32265 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 162.
30 Aug 65, 44p. JPRS-31770.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32265

TT-65-32904 Field 5C

ECONOMIC RESEARCH NO. 7, 1965: SELECTED ARTICLES. 15 Oct 65, 97p. JPRS-32414.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as
TT-65-32904

Trans. of Ching Chi Yen Chiu (Chinese People's Republic) n7 p1-41, 48-67 1965.

TT-65-33752 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 212. 6 Dec 65, 13p. JPRS-33176.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33752

TT-65-33899 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 173.
14 Dec 65, 11p. JPRS-33324.
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TT-65-33989 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 216. 21 Dec 65, 17p. JPRS-33415.
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NORTH VIETNAM'S ECONOMY NO. 218. 21 Dec 65, 15p. JPRS-33434.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34008

TT-66-32172 Field 5C

Lisickin, G.
CONTROVERSY OVER RECENT DEVELOPMENTS IN SOVIET ECONOMIC THEORY. 27 May 66, 25p.
JPRS-35737.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32172

Trans. from Izvestiya (USSR) 27 Feb p2 1966.

TT-66-32430 Field 5C, 5D, 5K

POLISH PROVINCIAL PRESS (31 MAY-6 JUN 66): SUMMARY NO. 449. 14 Jun 66, 47p. JPRS-35996.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32430

TT-66-32484 Field 5C, 5D, 6H, 2D

CUBA: TRANSLATIONS NO. 435. 17 Jun 66, 45p.
JPRS-36050.
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as TT-66-32484

TT-66-32509 Field 5C

THE ECONOMIC OUTLOOK IN SYRIA. 20 Jun 66, 203p.
JPRS-36075.

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as TT-66-32509

Trans. of al Iqtisadi al Arabi (Syria) 4 May p6-107 1966.

TT-66-32556 Field 5C

PRAVDA EDITORIALS (16-18 JUN 66): TRANSLATIONS NO. 634. 21 Jun 66, 12p. JPRS-36122.
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TT-66-32568 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 577. 23 Jun 66, 29p. JPRS-36134.
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TT-66-32569 Field 5C

MIDDLE EAST: TRANSLATIONS NO. 220. 23 Jun 66, 27p. JPRS-36135.
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TT-66-32575 Field 5C

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TT-66-32597 Field 5C, 8F

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TT-66-32600 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 37. Classification of the Venezuelan Andean Climatic Zones According to the Koeppen System. 23 Jun 66, 29p. JPRS-36166.
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TT-66-32665 Field 5C

NORTH VIETNAM'S ECONOMY: TRANSLATIONS NO. 245. 28 Jun 66, 23p. JPRS-36232.
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TT-66-32682 Field 5C, 5D

Nuriev, Z.
PARTY INTERVENTION IN ECONOMIC AFFAIRS. 29 Jun 66, 13p. JPRS-36249.
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as TT-66-32682

Trans. of Kommunist, Moscow (USSR) v42 n16 p59-67 1965.

TT-66-32725 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES NO. 452. 30 Jun 66, 37p. JPRS-36293.
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TT-66-32747 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 440. 6 Jul 66, 33p. JPRS-36315.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as
TT-66-32747

TT-66-32761 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 60. 6 Jul 66, 28p. JPRS-36329.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as
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TT-66-32793 Field 5C, 5D, 15-

CUBA: TRANSLATIONS NO. 441. 7 Jul 66, 122p. JPRS-36361.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32793

TT-66-32806 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 443. 8 Jul 66, 46p. JPRS-36374.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as
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TT-66-32837 Field 5C

COMMUNIST CHINA: ECONOMIC TRANSLATIONS NO. 1. 11 Jul 66, 27p. JPRS-36405.
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TT-66-32851 Field 5C

PRAVDA EDITORIALS (5-6 JUL 66): TRANSLATIONS NO. 643. 11 Jul 66, 9p. JPRS-36419.
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TT-66-32884 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 454. 13 Jul 66, 43p, refs. JPRS-36452.
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TT-66-33001 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 450. 19 Jul 66, 39p. JPRS-36570.
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TT-66-33031 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 585.

21 Jul 66, 55p. JPRS-36600.
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TT-66-33038 Field 5C, 5D, 15-

CUBA: TRANSLATIONS NO. 452. 21 Jul 66, 24p.
JPRS-36607.
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D. History, law and political science

TT-65-31569 Field 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON
NORTH VIETNAM: TRANSLATIONS NO. 192.
13 Jul 65, 36p. JPRS-31071.
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TT-65-32266 Field 5D, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON
NORTH VIETNAM: TRANSLATIONS NO. 206. 30 Aug 65,
73p. JPRS-31771.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32266

TT-65-32307 Field 5D, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON
NORTH VIETNAM: TRANSLATIONS NO. 207.
1 Sep 65, 23p. JPRS-31812.
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as TT-65-32307

TT-65-33939 Field 5D, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON
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16 Dec 65, 11p. JPRS-33364.
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as TT-65-33939

TT-66-30203 Field 5D, 5I, 6E, 6I

POLITICAL AND SOCIOLOGICAL INFORMATION ON
NORTH VIETNAM: TRANSLATIONS NO. 249.
17 Jan 66, 36p. JPRS-33760.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-30203

TT-66-30527 Field 5D, 5C, 5B

POLITICAL AND SOCIOLOGICAL INFORMATION ON
COMMUNIST CHINA: TRANSLATIONS NO. 329.
Table of Contents of People's Handbook, 1965. 10 Feb 66, 49p.
JPRS-34085.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-30527

Trans. of mono. Jen-min Shou-ts'e, 1965, Peking,
Oct 1965 p1-14.

TT-66-31578 Field 5D, 2B

STUDIES, NO. 2, 1966. 21 Apr 66, 111p. JPRS-35141.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-31578

Trans. of Hoc Tap (North Vietnam) n2 p1-89 1966.

TT-66-32122 Field 5D

MEETING OF AKTIV OF PARTY ORGANIZATION OF
ARMENIA. 25 May 66, 14p. JPRS-35687.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32122

Trans. from Kommunist, Erevan (USSR) 22 Apr p3 1966.

TT-66-32268 Field 5D, 8F

Belyaev, L.; Burlatskii, F.; Gotlober, Yu.; Skalkin, O.
SOVIET JOURNALISTS' TRIP TO INDIA: REPORT.
3 Jun 66, 6p. JPRS-35834.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32268

Trans. from Pravda, Moscow (USSR) 21 Mar p3 1966.
India Without Elephants.

TT-66-32418 Field 5D, 5C, 5F, 5I, 6E

IRAN: PRESS INFORMATION REPT. NO. 1. 14 Jun 66,
43p. JPRS-35984.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32418

TT-66-32482 Field 5D

THE FRENCH COMMUNIST PARTY'S UNITY-OF-THE
LEFT STRATEGY. 17 Jun 66, 14p. JPRS-36048.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32482

Trans. of l' Humanite (France) 11 May p1; 14 May p1;
27 May p2- 27 May p6 1966 and from le Monde (France)
25 May p7 1966.

TT-66-32519 Field 5D

Belyaev, L.; Primakov, E.
SOVIET VIEW OF THE CURRENT POLITICAL SITUATION
IN SYRIA. 20 Jun 66, 6p. JPRS-36085.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32519
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TT-66-32633 Field 5D

SOVIET LAW AND SOCIAL REGULATIONS: TRANSLATIONS
NO. 9. 27 Jun 66, 23p. JPRS-36200.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
TT-66-32633

TT-66-32635 Field 5D

COMMUNIST CHINA DIGEST NO. 169. 27 Jun 66,
148p. JPRS-36202.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32635

TT-66-32663 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 853. 28 Jun 66, 137p. JPRS-36230.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32663

TT-66-32746 Field 5D

AFRICA: TRANSLATIONS NO. 392. 6 Jul 66, 42p. JPRS-36314.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32746

TT-66-32792 Field 5D, 5C

NORTH VIETNAM: TRANSLATIONS NO. 1. 11 Jul 66, 48p. JPRS-36360.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32792

TT-66-32803 Field 5D

LA STAMPA AND LA STAMPA SERA (13-19 JUNE 1966): INDEX NO. 319. 8 Jul 66, 8p. JPRS-36371.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-32819 Field 5D

THE NEAR EAST: TRANSLATIONS NO. 2. 8 Jul 66, 80p. JPRS-36387.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32819

TT-66-32833 Field 5D

AFRICA: TRANSLATIONS NO. 395. 11 Jul 66, 39p. JPRS-36401.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32833

TT-66-32839 Field 5D

NEAR EAST: TRANSLATIONS NO. 4. 11 Jul 66, 81p. JPRS-36407.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32839

TT-66-32842 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 396. 11 Jul 66, 44p. JPRS-36410.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32842

TT-66-32843 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 858. 11 Jul 66, 35p. JPRS-36411.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-32865 Field 5D

SOVIET LAW AND SOCIAL REGULATIONS NO. 11. 12 Jul 66, 28p. JPRS-36433.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32865

TT-66-33015 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 217. 20 Jul 66, 15p. JPRS-36584.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33015

TT-66-33021 Field 5D

AFRICA: TRANSLATIONS NO. 404. 20 Jul 66, 32p. JPRS-36590.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33021

TT-66-33025 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 405. 20 Jul 66, 61p. JPRS-36594.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33025

F. Humanities

TT-66-32139 Field 5F

Makatov, I.; Saidbaev, T.
COMMUNIST ATHEISM AND THE MOSLEM FAITH. 26 May 66, 13p. JPRS-35704.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32139

Trans. of Nauka i Religiya (USSR) n4 p48-52 1966.

TT-66-32254 Field 5F, 5B

ENTRY ON 'ISLAM' IN GREAT SOVIET ENCYCLOPEDIA. 3 Jun 66, 8p, 17refs. JPRS-35820.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32254

Trans. of Bolshaya Sovetskaya Entsiklopediya (USSR) v18 p516-9 Jan 8 1953.

TT-66-32492 Field 5F, 5I

TEACHING METHODS USED TO FORM FIRM ATHEISTIC CONVICTIONS IN SOVIET STUDENTS. 20 Jun 66, 11p. JPRS-36058.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32492

Trans. of Srednee Spetsialnoe Obrazovanie (USSR) v13 n1 p40-4 1966.

G. Linguistics

TT-66-32536 Field 5G, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 279. 21 Jun 66, 20p. JPRS-36102.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32536

I. Personnel selection, training and evaluation

TT-65-31537 Field 5I, 13F, 5D

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 191. 12 Jul 65, 10p. JPRS-31039.

Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31537

Trans. from Nhan Dan (North Vietnam) 21 Jun p1, 4 1965 and Doc Lap (North Vietnam) 1 Jun p5, 11 1965.

TT-65-32274 Field 5I

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 312. 31 Aug 65, 37p. JPRS-31779.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-32274

TT-65-33589 Field 5I, 6N, 5D

Trung Dung; Tran Minh Tan; Do Danh Liem.
POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 236. 24 Nov 65, 15p. JPRS-33012.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-33589

Trans. of Duc The Thao (North Vietnam) n209 p1, 12 1965 and from Nhan Dan (Vietnam) 27 Oct p3; 28 Oct p1, 3, 4 1965.

TT-66-32283 Field 5I, 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 350. 6 Jun 66, 14p. JPRS-35849.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32283

Trans. of Drzhaven Vestnik (Bulgaria) n34 p1-2 1966 and of Poradnik Gromadzkiej Rady Narodowej (Poland) n20 p15 1966.

TT-66-32631 Field 5I, 5A

USSR LABOR: TRANSLATIONS NO. 115. 27 Jun 66, 16p. JPRS-36198.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32631

TT-66-33007 Field 5I, 5A

USSR LABOR: TRANSLATIONS NO. 117. 19 Jul 66, 21p. JPRS-36576.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33007

J. Psychology (Individual and group behavior)

TT-66-32403 Field 5J

Simonov, P.
AN EVALUATION OF CONTEMPORARY PARAPSYCHOLOGY. 13 Jun 66, 11p. JPRS-35969.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32403

Trans. of Nauka i Zhizn (USSR) n4 p54-8 1966.

K. Sociology

TT-65-32523 Field 5K, 5D

Glabinski, S.
VIETNAM VISIT BY POLISH PRESS AGENCY CORRESPONDENT. 16 Sep 65, 9p. JPRS-32029.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-32523

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06 BIOLOGICAL AND MEDICAL SCIENCES

A. Biochemistry

TT-66-12243 Field 6A

Ilin, V. S.; Titova, G. V.
A HORMONE-ENZYME COMPLEX INSULIN-HEXOKINASE. 13p, 23refs.
Order from SLA: $1.60 as TT-66-12243

Trans. of Biokhimiya (USSR) v30 n6 p1251 1965.

TT-66-12539 Field 6A, 6L

Gorodyetskii, V. K.; Lukomskaya, I. S.
MANUFACTURE AND USE OF TEST PAPER STRIPS FOR THE RAPID DETERMINATION OF GLUCOSE IN NATURE. 8p (8 refs omitted) 2refs.
Order from SLA: $1.10 as TT-66-12539

Trans. of Voprosy Meditsinskoi Khimii (USSR) v11 n5 p91-4 1965.

TT-66-60657 Field 6A

Prokofev, M. A.; Ryabova, T. S.; Shabarova, Z. A.
SYNTHESIS OF ADENYLYL (5 PRIME YIELDS N) AMINO ACIDS (PEPTIDES) BY MEANS OF THE CARBODIIMIDE METHOD. Dec 65, 12p, refs.
NASA-TT-F-9791; N66-13483.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N66-13483

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TT-66-61276 Field 6A, 6C

Urman, A.
PLANT VITAMINS. Apr 66, 9p. FSTC-HT-23-76-66; AD-633 210.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-633 210

Trans. from Ekonomicheskaya Gazeta (USSR) n47 p40-1 Nov 1965.

C. Biology

TT-65-23691 Field 6C

ALL-UNION SYMPOSIUM ON THECATE MITES (ORBATOIDEA). 4p.
Order from ETC: $1.10 as TT-65-23691

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TT-65-23692 Field 6C, 6F

Kiryanova, E. S.
AN AMU-DARYAN NEMATODE - HETORODERA OXIANA

KIRJANOVA, SP. NOV. (NEMATODES: HETERODERIDAE) FROM KARA-KALPAKIA. 3p.
Order from ETC: $1.10 as TT-65-23692

Trans. of Nematodes Harmful to Agriculture and Measures for their Control, Samarkand, 1962 p122-31. Proceedings of the Fifth All-Union Symposium of Phytohelminthologists.

TT-65-23693 Field 6C, 6F

Pogosyan, E. E.
THE HABITATS OF ROOT-KNOT NEMATODES OF THE FAMILY HETERODERIDAE IN THE ARMENIAN SSR. 14p.
Order from ETC: $1.60 as TT-65-23693

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TT-65-30658 Field 6C

SOVIET ICHTHYOLOGICAL RESEARCH. 6 Apr 65, 106p, 80refs. JPRS-29452.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30658

Trans. of Voprosy Ikhtiologii (USSR) v4 n4(33) p625-31, 644-57, 664-78, 716-35, 769-78 1964.

TT-65-33829 Field 6C, 6F

Chen Kuo-chung; Wang Ching-pang; Chou Chi; Chen Yu-chung; Lian Ching.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 258. 9 Dec 65, 19p, 2refs. JPRS-33254.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-33829

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n8 p729-732 1965; and Hsueh K'o Hsueh (Chinese People's Republic) n6 p6, p10, p9 1965.

TT-65-50016 Field 6C, 6F, 8F

Ognev, S. I.
MAMMALS OF THE U.S.S.R. AND ADJACENT COUNTRIES: MAMMALS OF EASTERN EUROPE AND NORTHERN ASIA. VOL. IV, RODENTS. Tr. by Jean Salkind. 1966, 505p, refs. SFCSI-Smi(TT-65-50016).
Order from CFSTI: $8.04 as TT-65-50016

Trans. of mono. Zveri SSSR i Prilezhashchikh Stran: Zveri Vostochnoi Evropy i Severnoi Azii. Tom 4, Gryzuny, Moscow/Leningrad, 1940.

TT-65-50308/3 Field 6C, 6O, 6E, 2E, 6R

POLISH PHYSIOLOGY ACTA, VOL. 16, NO. 3, 1965. 1965, 126p, 237refs. SFCSI-HEW-NCM(TT-65-50308/3).
Order from CFSTI: $4.00 as TT-65-50308/3

Trans. of Acta Physiologica Polonica, v16 n3 1965. For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-50332 Field 6C, 6F

Dominik, T.
DEVELOPMENT DYNAMICS OF MYCORRHIZAE FORMED BY PINUS SILVESTRIS AND BOLETUS LUTEUS IN ARABLE SOILS (Dynamika Rozwojowa Mikoryz Tworzonych Przez Pinsu Silvestris i Boletus Luteus w Glebach Porolnych). 1965, 19p, 6refs. SFCSI-Agr(TT-65-50332).
Order from CFSTI: $1.00 as TT-65-50332

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TT-65-50338 Field 6C

Trzebny, W.
ISOTHIOCYANATE GLYCOSIDES IN SUMMER RAPE AND INDIAN MUSTARD AND THEIR QUANTITATIVE AND QUALITATIVE CHANGES AS DEPENDING UPON VARIOUS DEVELOPMENTAL PHASES OF THE PLANT (Glikozydy Izotiocyjanianowe Rzepaku Jarego i Gorczycy Sarepskiej Oraz ich Jakosciowe i Ilosciowe Zmiany w Roznych Fazach Rozwoju Roslin). Tr. by E. Strassburger. 1965, 8p, 12refs. SFCSI-Agr(TT-65-50338).
Order from CFSTI: $1.00 as TT-65-50338

Trans. of Instytut Uprawy, Nawozenia i Gleboznawstwa. Pamietnik Pulawski (Poland) n8 p315-22 1962.

TT-66-12104 Field 6C

Hobmaier, M.; Hobmaier, A.
ON THE DEVELOPMENT OF THE LUNGWORM OF THE CAT, AERLUROSTRONGYLUS ABSTRUSUS. Tr. by P. Hajdu, 25 Apr 66, 2p, 4refs. NIH-4-30-66.
Order from SLA: $1.10 as TT-66-12104

Trans. of Zeitschrift fuer Parasitenkunde (Germany) v7 p717-8 1935.

TT-66-13373 Field 6C

Fischbach, K.; Lorenz, D.
EXPERIENCES WITH 'BROVO-AUTOMATIC' ANIMAL CAGES. 21p.
Order from SLA: $2.60 as TT-65-13373

Trans. of Zeitschrift fuer Versuchstier-Kunde (East Germany) v5 p21-37 1964.

TT-66-30230 Field 6C, 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 25. 19 Jan 66, 14p. JPRS-33787.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-30230

Consists of abstracts from Chih Wu Ping Li Hsueh Pao (Chinese People's Republic) v8 n1 1965.

TT-66-32132 Field 6C

GENETICS, NO. 2, 1966. 26 May 66, 260p, refs. JPRS-35697.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-32132

Trans. of Genetika (USSR) n2 175p 1966.

TT-66-32250 Field 6C

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CONFERENCE ON BIOLOGICAL PRINCIPLES OF USE OF FISH RESERVES IN RESERVOIRS OF CENTRAL ASIA AND KAZAKHSTAN. 3 Jun 66, 6p. JPRS-35816.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32250

Trans. of Voprosy Ikhtiologii (USSR) v6 n(38) p186-8 1966.

TT-66-32410 Field 6C, 20A

Protasov, V. R.
BIOACOUSTICS OF FISH. 13 Jun 66, 218p, refs. JPRS-35976.
Order from CFSTI or ETC: HC$6.00, MF$1.25
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Trans. of mono. Bioakustika Ryb, Moscow, 1965 207p.

TT-66-32508 Field 6C

SYMPOSIUM ON GENETICS. 20 Jun 66, 37p, 33refs. JPRS-36074.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32508

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya. Biologicheskie Nauki, v19 n2 p2-28 1966.

TT-66-51074 Field 6C

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Tr. by Raya Karshon. 1966, 125p, 21refs.
SFCSI-Agr(TT-66-51074).
Order from CFSTI: $4.00 as TT-66-51074

Trans. of mono. Fiziologiya Drevesnykh Rastenii Sibiri, Moscow, 1963.

TT-66-61479 Field 6C

Davtyan, E. A.
LOCALIZATION OF LARVAE OF MULLERIUS CAPILLARIS, CYSTOCAULUS NIGRESCENS, AND SYNTHETOCAULUS SPP. IN MOLLUSKS AND MECHANISM OF THEIR ESCAPE FROM THE FEET OF THE LATTER. Tr. by P. DePorte. 29 Apr 66, 4p, 4refs. NIH-5-3-66.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
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Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v6 n1 p23-6 1947.

TT-66-61551 Field 6C, 2D, 2A

Peterburgskii, A. V.
THE EFFECT OF LIME, MOLYBDENUN AND VANADIUM ON LEGUMINOUS PLANTS GOWING ON ACIDIC SOILS.
Tr. by R. J. Zatorski. 1966, 34p (foreign text included) 15refs. CSIRO-Trans-7702.
Order from CFSTI, SLA, or ETC: HC$3.60 MF$0.50
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Trans. of Moskovskaya Selskokhozyaistvennaya Akademiya. Izvestiya (USSR) n2 p49-64 1964.

TT-66-61553 Field 6C, 18B

Kolosov, I. I.
THE UTILIZATION OF PHOSPHORUS ISOTOPE P(32) FOR THE STUDY OF THE ROLE PLAYED IN PLANT NUTRITION BY INDIVIDUAL ROOTS AND VARIOUS PARTS OF A ROOT SYSTEM (Primenenie Izotopa Fosfora P(32) K Izucheniyu Roli Otdelnykh Kornei is Chastei Kornevoi Sistemy v Pitanii Rastenii). Tr. by J. A. Collins. 1966, 39p (foreign text included) refs. CSIRO-Trans-7703.
Order from CFSTI, SLA, or ETC: HC$3.60, MF$0.50
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TT-66-61564 Field 6C

Kuklina, T. E.
DURATION OF FEEDING AND BEHAVIOUR OF REPLETE HYALOMMA ANATOLICUM KOCH FEMALES. Tr. by J. A. Collins. 1966, 10p (foreign text included) 8refs. CSIRO-Trans-7881.
Order from CFSTI, SLA, or ETC: HC$1.10 MF$0.50
as TT-64-61564

Trans. of Uzbekskii Biologicheskii Zhurnal (USSR) v8 n5 p75-8 1964.

TT-66-61565 Field 6C

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INFLUENCE OF TRACE ELEMENTS ON THE CHLOROPHYLL CONTENT OF TOBACCO LEAVES (Vliyanie Mikroelementov na Soderzhanie Khlorofilla v Listyakh Tabaka). Tr. by B. Ribush. 1966, 12p (foreign text included) 11refs. CSIRO-Trans-7765.
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Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya Botaniki i Pochvovedeniya, n3 p83-8 1961.

D. Bionics

TT-64-51913 Field 6D, 5G, 9E, 12B

Ishlinskii, A. Yu.; Savinov, G. V.; Iyapunov, A. A.; Polyakov, G. I.
PROBLEMS IN CYBERNETICS, NO. 11 1964: SELECTED ARTICLES. 11 Dec 64, 205p, 35refs. JPRS-27792; N65(14578-14581).
Order from CFSTI or ETC: HC$6.00, MF$1.25
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Trans. of Problemy Kibernetiki (USSR) v11 p5-24, 147-51, 153-87, 189-98, 215-44, 276-9 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-31711 Field 6D, 9B, 12B, 13H

Lyapunov, A. A., ed.
PROBLEMS OF CYBERNETICS NO. 12, 1964.
22 Jul 65, 397p. JPRS-31214.
Order from CFSTI or ETC: HC$7.00, MF$2.00
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Trans. of Problemy Kibernetiki (USSR) v12 260p 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-32065 Field 6D, 12B, 13H, 5G, 9G

Lyapunov, A. A., ed.
PROBLEMS IN CYBERNETICS NO. 13. 16 Aug 65, 338p. JPRS-31569.
Order from CFSTI or ETC: HC$7.00, MF$1.75 as TT-65-32065

Trans. of Problemy Kibernetiki (USSR) v13 252p 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-33946 Field 6D, 9B, 12B, 13H

CYBERNETICS, NO. 4, 1965. 17 Dec 65, 261p, 69refs. JPRS-33371.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-33946

Trans. of Kibernetika (USSR) n4 105p 1965.

TT-66-31911 Field 6D, 5G

Turbovich, I. T.; Petrov, O. A.
SPEECH PATTERN RECOGNITION. 12 May 66, 18p, 9refs. JPRS-35475.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-31911

Trans. of mono. Opoznanie Obrazov, Teoriya Peredachi Informatsii, Moscow, 1965 p25-36.

TT-66-32338 Field 6D, 9B, 12B, 13H

CYBERNETICS, NO. 6, 1965. 8 Jun 66, 237p, 60refs. JPRS-35904.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-32338

Trans. of Kibernetika (USSR) n6 103p 1965.

TT-66-32385 Field 6D, 12B, 9B, 5I

Avrakh, M. L.; Vasilev, A. M.; Saenko, G. I.; Sindilevich, L. M.
READING MACHINES. 13 Jun 66, 259p, refs. JPRS-35951.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-32385

Trans. of mono. Chitayushchie Ustroistva, Moscow, 1965 204p.

E. Clinical medicine

TT-65-30475 Field 6E, 6O

CHEMOTHERAPY IN CANCER RESEARCH. 10 Mar 65, 36p, 35refs. JPRS-29058.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30475

Trans. of Voprosy Onkologii (USSR) v10 n12 p45-63, 102-4 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-30491 Field 6E, 5I

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 157. 11 Mar 65, 41p. JPRS-29080.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30491

TT-65-30595 Field 6E

Nedyalkova, M.; Dobreva, A.; Kurdybailo, F. V.; Deinega, V. G.
HEMATOLOGY AND THERAPEUTIC USE OF BONE MARROW. 26 Mar 65, 15p, 5refs. JPRS-29806.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30595

Trans. of Problemy Gematologii i Perelivaniya Krovi (USSR) v10 n2 p51-4, 56-8 1965.

TT-65-30623 Field 6E, 5I

SOVIET HEALTH CARE, 1965, VOL. 24, NO. 1: SELECTED ARTICLES. 31 Mar 65, 22p. JPRS-29366.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30623

Trans. of Sovetskoe Zdravookhranenie (USSR) v24 n1 p3-10, 77-82 1965.

TT-65-30822 Field 6E, 6A, 6O, 6M

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 174. 26 Apr 65, 60p, 94refs. JPRS-29762.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30822

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n3 p212-31, 256-8, 277-81 1965.

TT-65-50307/3-4 Field 6E, 6A, 6O

POLISH ENDOCRINOLOGY, VOL. 16, NO. 3/4, P83-186 1965. 1966, 105p, 263refs.
SFCSI-HEW-NLM(TT-65-50307/3-4).
Order from CFSTI: $4.00 as TT-65-50307/3-4

Trans. of Endokrynologia Polska, v16 n3-4 1965.

TT-66-11815 Field 6E, 6P

Kanai, T.
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Order from SLA: $1.60 as TT-66-11815

Trans. of Okajimas Folia Anatomica Japonica, v19 p199-213 1940.

TT-66-12375 Field 6E

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TT-66-30292 Field 6E, 6L, 6M, 6O, 5I

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-30292

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TT-66-32135 Field 6E, 5I

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32135

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TT-66-32151 Field 6E, 6O

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32151

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TT-66-32251 Field 6E, 6R, 6C

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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32251

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TT-66-32349 Field 6E, 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32349

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TT-66-32351 Field 6E

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Order from CFSTI or ETC: HC$6.00, MF$0.50 as TT-66-32351

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TT-66-32370 Field 6E, 6O

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32370

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TT-66-32375 Field 6E, 6O

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Order from CFSTI or SLA: HC$2.00, MF$0.50 as TT-66-32375

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TT-66-32396 Field 6E, 6O

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32396

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TT-66-32421 Field 6E, 5I

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32421

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TT-66-32426 Field 6E

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Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-66-32426

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TT-66-32459 Field 6E, 6M

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32459

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TT-66-32470 Field 6E, 6O

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32470

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TT-66-32476 Field 6E, 5I, 6J

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Order from CFSTI or ETC: HC$5.00, MF$1.00
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v25 n2 p1-96 1966.

TT-66-32494 Field 6E, 6O, 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS:
BIO-MEDICAL SCIENCES NO. 105. 20 Jun 66, 35p.
JPRS-36060.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-32501 Field 6E, 5I

POLITICAL AND SOCIOLOGICAL INFORMATION ON
NORTH VIETNAM: TRANSLATIONS NO. 277.
20 Jun 66, 40p. JPRS-36067.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-32583 Field 6E, 6A, 5I, 6O

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BIO-MEDICAL SCIENCES NO. 106. 23 Jun 66, 73p.
JPRS-36149.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-60441 Field 6E

Andreev, S. V.
RESTORATION OF CONTRACTILITY AND PROSPECT
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HEARTS (O Vosstanovlenni Sokratitlenoi Aktivnosti
i Perspektivakh Transplantatsii Serdtsa Cheloveka i
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya
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F. Environmental biology

TT-65-50330 Field 6F, 6C

Koehler, W.
SOME REMARKS ON THE OUTBREAK OF EUROPEAN
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THE YEARS 1945-1946 (Nieco Spostrzezen nad Gradaciq
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Order from CFSTI: $1.00 as TT-65-50330

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H. Food

TT-66-32260 Field 6H

Aminskyi, L. Z.
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TT-66-61275 Field 6H, 6A

Oparin, A. I.
BIOCHEMISTRY AND THE FOOD INDUSTRY. May 66,
18p. FSTC-HT-23-103-66; AD-633 209.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-61277 Field 6H, 6A

Vashatko, L.; Pribela, A.
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HEAT PROCESSING OF FRUIT CONCENTRATES.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-61558 Field 6H, 13D

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Chernov, A.; Kovalchuk, P.
RINDLESS CHEESE: SEVERAL ARTICLES. Tr. by
B. Ribush. 1966, 30p (foreign text included) refs.
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Order from CFSTI, SLA, or ETC: HC$2.60, MF$0.50
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p32-42 1965.

J. Industrial (occupational) medicine

TT-65-33183 Field 6J, 6T, 13B

Marchenko, E. N.; Volkova, Z. A.; Kochanov, M. M.;
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STUDIES IN AIR PULLUTION AND INDUSTRIAL
POISONS. 3 Nov 65, 37p, 23refs. JPRS-32704.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-31366 Field 6J, 6R

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Palkin, V. N.
STUDIES IN LABOR HYGIENE AND OCCUPATIONAL
DISEASES. 6 Apr 66, 31p, refs. JPRS-34928.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of Gigiena Truda i Professionalnye Zabolevaniya
(USSR) v10 n1 p5-6, 26-34 1966.

TT-66-32361 Field 6J, 5I, 6E, 6I

LABOR HYGIENE AND OCCUPATIONAL DISEASES,
VOL. 10, NO. 3, 1966. 9 Jun 66, 110p, refs. JPRS-35927.

Order from CFSTI or ETC: HC$4.00, MF$0.75
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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

M. Microbiology

TT-65-50076 Field 6M, 6O, 6C

Krasilnikov, N. A.
BIOLOGY OF ANTIBIOTIC-PRODUCING ACTINOMYCETES (Biologiya Otdelnykh Grupp Aktinomitsetov-Produtsentov Antibiotikov). Tr. by S. Nemchonok. 1966, 343p, refs.
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Order from CFSTI: $7.00 as TT-65-50076

Trans. of Akademiya Nauk SSSR. Institut Mikrobiologii. Trudy, v8 346p 1960.

TT-65-50304/2 Field 6M, 6E

EXPERIMENTAL MEDICINE AND MICROBIOLOGY VOL. XVII NO. 2 P89-204 1965. 1966, 118p, 198refs.
SFCSI-HEW-NLM(TT-65-50304/2).
Order from CFSTI: $4.00 as TT-65-50303/2

Trans. of Medycyna Doswiadczalna i Mikrobiologia (Poland) v17 n2 1965.

TT-65-50304/3 Field 6M, 6E, 6O

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SFCSI-NEW-NLM(TT-65-50304/3.
Order from CFSTI: $3.00 as TT-65-50304/3

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TT-66-11952 Field 6M, 6A

Leiser, M.
THE GLYCOGEN IN PELOMYXA PALUSTRIS GREEFF WITH CONTRIBUTIONS TO THE KNOWLEDGE OF THE ANIMAL (Das Glykogen in Pelomyxa Palustris Greeff mit Beitraegen zur Kenntnis des Tieres). Tr. by E. K. Wilip. Feb 66, 51p, 33refs. ANL-Trans-289.
Order from SLA: $5.60 as TT-66-11952

Trans. of Archiv fuer Protistenkunde (Germany) v47 n2 p253-307 1924.

TT-66-12046 Field 6M

Scala, C.; Vicari, F.
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Order from SLA: $1.10 as TT-66-12046

Trans. of Rivista di Patologia e Clinica (Italy) v10 n12 p685-94 1955.

TT-66-12514 Field 6M

Kleinschmidt; Lang, D.; Zhan, R. K.
INTRACELLULAR STRUCTURE OF BACTERIAL DEOXYRIBONUCLEIC ACID - DNA. 23p, 66refs.
Order from SLA: $2.60 as TT-66-12514

Trans. of Zeitschrift fuer Naturforschung (West Germany) v16b p730-9 1961.

TT-66-32489 Field 6M, 6O, 3B, 14B

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 322, 17 Jun 66, 15p. JPRS-36055.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-32489

TT-66-61274 Field 6M, 6L, 11I

Tarasov, V. N.
PLASTICS AND SYNTHETIC POLYMERS IN MEDICAL MICROBIOLOGY. May 66, 13p, 46refs. FSTC-HT-23-85-66; AD-633 208.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-633 208

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TT-66-61404 Field 6M, 6A

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Order from CFSTI or ETC: HC$6.00, MF$1.25
as AD-633 666

Unedited rough draft trans. of mono. Fiziologiya Obmena Veshchestv Mikroorganizmov v Svyazi s Evolyutsii Funktsii, 1960 163p.

N. Personnel selection and maintenance (medical)

TT-65-33211 Field 6N, 5I

Vorobev, A.
ANALYTICAL APPROACH OF PHYSICAL TRAINING URGED IN SOVIET ATHLETICS. 4 Nov 65, 5p. JPRS-32733.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-33211

Trans. of Fizkultura i Sport (USSR) n9 p26-7 1965.

O. Pharmacology

TT-65-50303/5 Field 6O

POLISH PHARMACEUTICAL ACTS, VOL. 22 NO. 5 P501-75 1965. 1966, 73p, 106refs.
SFCSI-HEW-NLM(TT-65-50303/5).
Order from CFSTI: $3.00 as TT-65-50303/5

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-11833 Field 6O, 6E, 5J

Borestein, P.; Cujo, P.; Olivenstein, Cl.
TEST WITH LYSERGIC ACID DIETHYLAMIDE (LSD 25) AND PSYCHOTROPIC DRUGS: ELECTROENCEPHALOGRAPHIC STUDY. Tr. by J. Chapin. 12 Apr 66, 10p, 17refs. NIH-4-17-66.
Order from SLA: $1.10 as TT-66-11833

Trans. of Annales Medico-psychologiques (France) v123 pt 2 n2 p237-45 1965.

TT-66-32158 Field 6O, 6E

Votchal, B. E.
CLINICAL PHARMACOLOGY: EXCERPTS. 26 May 66, 4p. JPRS-35723.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32158

Trans. of mono. Ocherki Klinicheskoi Farmakologii, Moscow, 1965 p5-7, 491.

TT-66-32389 Field 6O, 6M, 6B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 100. Collected Papers of Third All-China Symposium on Antibiotics Vol. 2, Antibiotics Production Technology. 13 Jun 66, 51p. JPRS-35955.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-66-32389

TT-66-32458 Field 6O

PHARMACEUTICS, VOL. 15, NO. 1, 1966. 16 Jun 66, 165p, refs. JPRS-36024.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-66-32458

Trans. of Aptechnoe Delo (USSR) v15 n1 p1-96 1966.

TT-66-32480 Field 6O

PHARMACEUTICS, VOL. 15, NO. 2, 1966. 17 Jun 66, 158p, refs. JPRS-36046.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-66-32480

Trans. of Aptechnoe Delo (USSR) v15 n2 p1-96 1966.

P. Physiology

TT-64-51792 Field 6P

Orahovats, D.
DEVELOPMENT AND PRESENT STATUS OF PHYSIOLOGICAL SCIENCE. 25 Nov 64, 19p. JPRS-27543.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51792

Trans. of Eksperimentalna Meditsina i Morfologiya (Bulgaria) v3 n2 p81-95 1964.

TT-65-50302/3 Field 6P, 6E, 6C

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Order from CFSTI: $4.00 as TT-65-50302/3

Trans. of Folia Morphologica (Poland) v16(24) n3 p215-319 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vo. 16, No. 4.

TT-66-11886 Field 6P

Cossel, L.
ELECTRON MICROSCOPY CONTRIBUTION OTO THE QUESTION OF LYMPHOID TISSUE ORGANIZATION. 11p, 8refs. ORNL-tr-639.
Order from SLA: $1.60 as TT-66-11886

Trans. of Zeitschrift fuer Zelliforschung und Mikroskopische Anatomie (Germany) v65 p199-205 1965.

TT-66-12105 Field 6P, 6E

Reil, J. C.
THE FIBROUS STRUCTURE OF THE CRYSTALLINE LENS. Doctoral Dissertation. 14 Apr 66, 22p, 11refs. NIH-4-23-66.
Order from SLA: $2.60 as TT-66-12105

Trans. of Halle Univ. Thesis, 1794 40p.

TT-66-32345 Field 6P, 6C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 96. Acta Anatomica Sinica. 9 Jun 66, 20p. JPRS-35911.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32345

Trans. of Chieh P'ou Hsueh Pao (Chinese People's Republic) v9 n1 p1-99 1966.

TT-66-32380 Field 6P, 6A, 6H, 6S, 6E, 6N

Pokrovskii, A. A.
TALKS ON NUTRITION. 10 Jun 66, 227p. JPRS-35946.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-32380

Trans. of mono. Besedy o Pitanii, Moscow, 1964 290p.

TT-66-61264 Field 6P

Pavlova, I. P.; Bogomoltsa, A. A.
BASIC QUESTIONS OF THE ELECTROPHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM (COLLECTION OF ARTICLES). 21 Feb 66, 248p, 572refs. FTD-MT-65-210; AD-633 030.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-633 030

Edited machine trans. of mono. Osnovnye Voprosy Elektrofiziologii Tsentralnoi Nervnoi Sistemy, Kiev, 1962 232p.

R. Radiobiology

TT-65-50301/3 Field 6R, 18B

POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE, VOL. XXIX, NO. 3 1965. 1966, 101p, 149refs. SFCSI-NLM-(TT-65-50301/3).
Order from CFSTI: $3.00 as TT-65-50301/3

Trans. of Polski Przeglad Radiologii i Medycyny Nuklearnej, v29 n3 1965.

TT-65-50405/3 Field 6R, 18J, 18K

BORIS KIDRIC INSTITUTE OF NUCLEAR SCIENCES, BULLETIN VOL. 16, NO. 3, 1965. 1965, 64p, 53refs. SFCSI-AEC(TT-65-50405/3); AEC-tr-6486/3.
Order from CFSTI: $3.00 as AEC-tr-6486/3

Trans. of Institut za Nuklearne Nauke, Bilten (Yugoslavia) v16 n3 p127-184 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-64003 Field 6R

Zelchinskii, M.
RECOMBINATION METHOD FOR DETERMING THE LINEAR ENERGY TRANSFER OF MIXED RADIATION. 1964, 7refs. AEC-tr-6534.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AEC-tr-6534

Trans. of mono. Neutron Dosimetry, v2 Vienna, 1963 p397-404.

TT-65-64722 Field 6R, 6S, 20H, 22-

Dudkin, V. E.; Kovalev, E. E.; Smirennyi, L. N.; Sychkov, M. A.
PROTECTION FROM PRIMARY COSMIC RADIATION AND PROTONS OF THE EARTH'S INNER RADIATION BELT (Zashchita ot Pervichnogo Kosmicheskogo Izlucheniya i Protonov Vnutrennego Radiatsionnogo Poiasa Zemli). Voprosy Dozimetrii i Zashchity ot Izluchenii, Moscow. Apr 65, 7p. NASA-TT-F-9517; N65-29741.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-29741

Trans. from mono. Voprosy Dozimetrii i Zashchity ot Izluchenii, Moscow, 1964 p174-84.

TT-65-64752 Field 6R, 6S, 6K

Grigorev, Yu. G.; Kovalev, E. E.; Lebendinskii, A. V.; Nefedov, Yu. G.; Vysotskii, V. G.
CRITERIA FOR RADIATION SAFETY OF SPACE FLIGHTS OF LONG DURATION. Tr. by M. Kassatkin. 6 Jul 65, 23p. UCRL-Trans-1225.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as UCRL-Trans-1225

Trans. of International Symposium on Basic Environmental Problems of Man in Space (no. 2) Paris, 14-18 June 65. Reprint n19 1965.
Another trans. is available from CFSTI, SLA, or ETC HC$1.00, MF$0.50 as N65-27715.

TT-66-11874 Field 6R

Danneel, R.; Wendt, E.
OPTICAL AND ELECTRON-MICROSCOPIC INVESTIGATIONS ON DIRECT AND INDIRECT RADIATION EFFECTS UPON CHICKEN EMBRYONS (Lichtoptische und Elektronenmikroskopische Untersuchungen ueber die Direkte und Indirekte Strahlenwirkung auf Huehnerembryonen). Tr. by E. K. Wilip. Dec 65, 5p, 8refs. ANL-Trans-255.
Order from SLA: $1.10 as TT-66-11874

Trans. of Atompraxis (West Germany) v10 n9/10 p434-6 1964.

TT-66-12376 Field 6R

Wiskemann, A.
THE PRESENT KNOWLEDGE OF THE MECHANISM OF THE ULTRA-VIOLET EFFECT ON HUMAN SKIN. RADIATION THERAPEUTICS (Die Heutigen Kenntnisse ueber die Mechanismen der UV-Wirkung auf die Menschliche Haut). 13p (figs omitted) 65refs.
Order from SLA: $1.60 as TT-66-12376

Trans. of Strahlenterapie (West Germany) v122 n3 p463-71 1963.

TT-66-23807 Field 6R

Salatskaya, M. I.; Lebedev, V. N.; Zolin, L. S.
PERSONNEL DOSIMETRY TECHNIQUE USING NUCLEAR EMULSIONS FOR MONITORING FAST NEUTRONS. Tr. by J. Rice. 13p, 12refs. CERN-66-3.
Order from ETC: $1.60 as TT-66-23807

Trans. of mono. Radiatsionnaya Fizika. II, Dosimetriya Neitronov i Gamma-Luchei, Riga, 1964 p107-15.

TT-66-31751 Field 6R, 6C, 6P

STUDIES IN HIGHER NERVOUS ACTIVITY. 3 May 66, 90p, refs. JPRS-35315.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-31751

Trans. of Zhurnal Vysshei Nervnoi Deyatelnosti (USSR) v16 n1 p34-51, 62-6, 82-7, 96-101, 103-11, 117-23, 125-30, 134-5 1966.

TT-66-60537 Field 6R, 6S

Nefedov, Yu. G.
PROBLEMS OF RADIATION SAFETY IN SPACE FLIGHTS, PHYSICAL AND BIOLOGICAL STUDIES WITH HIGH-ENERGY PROTONS. Dec 65, 245p, refs. NASA-TT-F-353; N66-12451.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as N66-12451

Trans. of mono. Problemy Radiatsionnoi Bezopasnosti Kosmicheskikh Poletov, Fizicheskie i Biologicheskie Issledovaniya s Protonami Bolshikh Energii, Moscow, 1964.

TT-66-61244 Field 6R

Kashlinskii, E. M., ed.
RADIATION PHYSICS. II: NEUTRON AND GAMMA DOSIMETRY. Sep 65, 113p, refs. AEC-tr-6604; N65-36120.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as AEC-tr-6604

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TT-66-61245 Field 6R

RADIOBIOLOGY, VOL. 5, NO. 1, 1965. Sep 65, 256p, refs. AEC-tr-6598.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AEC-tr-6598

Trans. of Radiobiologiya (USSR) v5 n1 157p 1965.

TT-66-61246 Field 6R

RADIOBIOLOGY, VOL. 5, NO. 3, 1965. Nov 65, 227p, refs. AEC-tr-6600.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AEC-tr-6600

Trans. of Radiobiologiya (USSR) v5 n3 p329-485 1965.

S. Stress physiology

TT-65-30951 Field 6S, 5I

Gurovskii, N.; Cherepakhin, M.; Derevyanko, E.; Semenko, G.
MEDICO-BIOLOGICAL STUDIES OF FLIGHT CONDITIONS AND TRAINING. 11 May 65, 13p. JPRS-29999; N65-24861.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30951

Trans. of Aviatsiya i Kosmonavtika (USSR) v48 n3 p34-40 1965.

TT-66-60548 Field 6S

Borshchevskii, I.; Lapaev, E.
NOISE PROBLEM. Dec 65, 8p. NASA-TT-F-9799; N66-13297.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N66-13297

Trans. of Aviatsiya i Kosmonavtika (USSR) v48 n7 p75-7 1965.

TT-66-61351 Field 6S, 6K, 6C, 22A

Boreva, L. I.; Zabodovskaya, E. M.
LITERATURE INDEX OF AEROSPACE MEDICINE AND BIOASTRONAUTICS, PUBLISHED IN USSR (1964-1965). 18 Mar 66, 68p, 567refs. FTD-TT-65-1661; AD-633 355.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-633 355

Trans. of mono. Ukazatel Literatury po Aviakosmicheskoi Meditsine i Bioastronavtike Izdannoi v SSSR (1964-1965) Moscow, 1965 68p.

TT-66-61467 Field 6S, 22A, 6C

Dodge, C. H.
SOVIET BIOTECHNOLOGY AND BIOASTRONAUTICS, DECEMBER 1964-JUNE 1965: COMPILATION OF ABSTRACTS. 11 Feb 66, 234p. ATD-66-14; AD-634 113.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-634 113

Based on Soviet-Satellite open sources pub. 1962-65. Rept. on Surveys of Soviet Scientific and Technical Literature.

07 CHEMISTRY

TT-64-11460/3-4 Field 7-, 6A

Mladenovic, M., ed.
BULLETIN OF THE CHEMICAL SOCIETY BELGRADE, VOL. 29, NO. 3/4 1964. Tr. by Danica Ladjevac and Aleksandra Stojiljkovic. 1966, 73p, refs. SFCSI-Comm(TT-64-11460/3-4).
Order from CFSTI: $3.00 as TT-64-11460/3-4

Trans. of Khemisko Drushtvo, Belgrad. Glasnik (Yugoslavia) v29 n3/4 p81-93, 95-105, 107-13, 115-29, 131-7, 139-55, 157-93 1964.

TT-66-32749 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 23. 6 Jul 66, 12p. JPRS-36317.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32749

TT-66-32791 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 24. 7 Jul 66, 23p. JPRS-36359.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32791

TT-66-32824 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 25. 11 Jul 66, 46p. JPRS-36392.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32824

A. Chemical engineering

TT-65-20031 Field 7A, 14B

Martynov, A. V.; Brodyanskii, V. M.
CYCLONE SEPARATION OF GAS MIXTURES (5) (O ROZDELENII GAZOVYKH SMESEI V VIKHREVOI TRUBE). 4p.
Order from CSIR as CSIR-tr-459

Trans. of Energeticheskii Institut, Moscow Trudy (USSR) n48 p147-9 1963.

TT-65-20350 Field 7A, 7D

Kuzmin, N. G.; Malyusov, V. A.
UNTERSUCHUNGEN DES PROZESSES DER DUNNSCHICH-TREKTIFIKATION VON HOHER GESCHWINDIGKEIT. 18p.
Order from ETC or TIB: $1.60 as TT-65-20350

Trans. in German of Khimicheskaya Promyshlennost (USSR) n5 p351-7 1964.

TT-65-34064 Field 7A

EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 254. 28 Dec 65, 42p, 3refs. JPRS-33490.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-34064

TT-66-32632 Field 7A

USSR INDUSTRIAL DEVELOPMENT: SOVIET CHEMICAL INDUSTRY NO. 254. 27 Jun 66, 12p. JPRS-36199.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32632

TT-66-32821 Field 7A

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 2. 11 Jul 66, 15p. JPRS-36389.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32821

TT-66-61795 Field 7A, 7E, 18D

Veksler, M. A.; Furman, K. S.; Mukhin, G. A.
OUTLOOK FOR THE INTRODUCTION OF RADIOACTIVE

DENSIMETERS OF LIQUID INTO THE INDUSTRY OF ORGANIC SYNTHESIS. 25 May 66, 13p. FTD-TT-65-1668; AD-635 836.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 836

Unedited rough draft trans. of mono. Radioaktivnye Izotopy i Yadernye Izlucheniya v Narodnom Khozyzystve SSSR, Moscow, 1961 p257-62.
Trudy Vesoyuznogo Soveshchaniya 12-16 April 1960.

B. Inorganic chemistry

TT-65-22608 Field 7B

Volfkovich, S. I.; Kalach, V. S.
DIE GEWINNUNG KOMPLEXER DUNGEMITTEL DURCH VERSCHMELZEN VON HARNSTOFF UND KALIUMPHOSPHATEN.
Order from TIB DM 45.00

Trans. in German of Khimicheskaya Promyshlennost (USSR) n9 p676-8 1964.

TT-65-22611 Field 7B

Fedorenko, N.P.; Tsypina, E. I.
TECHNISCH-WIRTSCHAFTLICHER VERGLEICH DER VERFAHREN ZUR HERSTELLUNG VON PHOSPHORSAURE.
Order from TIB DM 95.00

Trans. in German of Khimicheskaya Promyshlennost (USSR) n9 p672-5 1964.

TT-65-28977 Field 7B

Nikiforova, V. M.; Reshetkina, N. A.; Smurov, V. S.
KORROSIONSSTUDIEN AN SCHWEFELKOHLENSTOFF-RETORTEN. 8p. SNSRC-101 c.
Order from ETC: $1.60 as TT-65-28977

Trans. in German of Khimicheskaya Promyshlennost (USSR) n1 p79-84 1959.
Also available from SNSRC.
Another trans. is available in English from LC or SLA, mi$2.40, ph$3.30as TT-60-17227, 14p.

C. Organic chemistry

TT-65-22495 Field 7C

Sokolskii, D. V.
HYDROGENATION IN SOLUTIONS. Tr. by N. Kamer. 1964, 540p, 181refs. IPST-2101.
Order from IPST as IPST-2101

Trans. of mono. Gidrirovanie v Rastvorakh, Alma-Ata, 1962.

D. Physical chemistry

TT-66-60986 Field 7D, 7C, 7A

Zhdanov, S. P.; Kiselev, A. V.; Yashin, Ya. I.
USE OF COARSE POROUS GLASS IN GAS-ADSORPTION CHROMATOGRAPHY FOR THE SEPARATION OF LIQUID HYDROCARBONS. 21 Jan 66, 18p, 13refs. FTD-TT-65-1487; AD-630 970.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as AD-630 970

Unedited rough draft trans. of Neftekhimiya (USSR) v3 n3 p417-24 1963.
For another listing of this journal see, 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

E. Radio and radiation chemistry

TT-66-32432 Field 7E, 6F, 6O

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 28. 14 Jun 66, 213p. JPRS-35998.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-66-32432

TT-66-61120 Field 7E, 7D

Levshin, V. L.
METHODS OF SPECTRAL ANALYSIS, PART II. 1966, 27p. Trans-2073-Pt-2; AD-631 683.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as AD-631 683

Trans. from mono. Metody Spektralnogo Analiza, Moscow, 1962.

08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

TT-63-11393 Field 8A, 8F, 6C

Demel, K.; Rutkowicz, S.
THE BARENTS SEA. Tr. by A. Kossowska. 1966, 305p, 57refs. SFCSI-Int(TT-63-11393).
Order from CFSTI: $7.00 as TT-63-11393

Trans. of mono. Morze Barentsa, Gdynia, 1958.

TT-65-50098 Field 8A

Ponomareva, L. A.
EUPHAUSIIDS OF THE NORTH PACIFIC THEIR DISTRIBUTION AND ECOLOGY. Tr. by S. Nemchonok. 1966, 158p, refs. SFCSI-Int(TT-65-50098).
Order from CFSTI: $5.00 as TT-65-50098

Trans. of mono. Evfauziidy Severnoi Poloviny Tikhogo Okeana, Ikh Rasprostranenie i Ekologiya Mossovykh Vidow, Moscow, 1963.

C. Dynamic oceanography

TT-66-60931 Field 8C, 8J, 14B

Kolesnikov, A. A.; Panteleev, N. A.; Pisarei, V. D.; Vakulov, P. V.
AN ABYSSAL AUTOMATIC TURBULENCE METER, AN INSTRUMENT FOR THE REGISTRATION OF TURBULENT FLUCTUATIONS OF VELOCITY AND TEMPERATURE IN THE OCEAN. Tr. by David Ashworth. 1966, 14p. Trans-985; AD-630 741.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-630 741

Trans. of Okeanologiya (USSR) v3 n5 p911-21 1963.

E. Geodesy

TT-65-20029 Field 8E

Sebestyen, K.
TELLURIC CURRENT RECORDING APPARATUS (Tellurikus Aram Regisztralo Berendezes). 18p.
Order from CSIR as CSIR-tr.457

Trans. of Geofizikai Kozlemenyek (Hungary) v5 n1 p53-63 1956.

TT-66-32593 Field 8E, 8B, 8H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 49. 23 Jun 66, 11p. JPRS-36159.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32593

TT-66-32634 Field 8E, 8B, 8H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 50. Acta Meteorologica Sinica. 27 Jun 66, 16p. JPRS-36201.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32634

TT-66-32870 Field 8E, 8B, 8H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 53. 12 Jul 66, 14p. JPRS-36438.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32870

F. Geography

TT-65-50146 Field 8F, 8A, 6S, 5I, 5A, 6C

Nudelman, A. V.
SOVIET ANTARCTIC EXPEDITIONS, 1955-1959. Tr. by N Kaner. 1966, 143p, refs. SFCSI-Int(TT-65-50146).
Order from CFSTI: $4.00 as TT-65-50146

Trans. of mono. Sovetskie Ekspeditsii v Antarktiku 1955-1959 gg., Moscow, 1966.

TT-66-61774 Field 8F, 8B

Berlyant, A. M.; Litvin, L. F.
THE APPLICATION OF CARTOGRAPHIC METHODS IN STUDYING NEW TECTONIC MOVEMENTS (Primenenie Kartograficheskogo Metoda dlya Izucheniya Noveishikh Tektonicheskikh Dvizhenii). 30 Nov 65, 8p. I-8559-B; AD-635 540.
Order from CFSTI or ETC: HC$4.00, MF$0.50 as AD-635 540

Trans. of Moscow Univ. Vestnik. Seriya 5: Geografiya (USSR) v19 n3 p31-8 1964.

G. Geology and mineralogy

TT-66-32523 Field 8G, 13L, 6J, 6I, 21D, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 294. 20 Jun 66, 36p. JPRS-36089.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32523

TT-66-32969 Field 8G

BIOGRAPHICAL NOTE ON SOVIET GEOLOGIST LEONID MIKHAILOVICH MIROPOLSKII. 18 Jul 66, 6p. JPRS-36537.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32969

Trans. of Sovetskaya Geologiya (USSR) v8 n12 p153-5 1965.

TT-66-32970 Field 8G

Trypolska, M. I.
THREE URAINIAN GEOLOGISTS: M. P. SEMENENKO, V. G. BONDARCHUK, M. V. STOVAS. 18 Jul 66, 10p. JPRS-36538.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32970

Trans. of Geologichnyi Zhurnal (USSR) v25 n6 p104-10 1965.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

B. Computers

TT-66-32307 Field 9B, 12B, 13H, 6D

NEWS OF THE ACADEMY OF SCIENCES USSR DEPARTMENT OF TECHNICAL SCIENCES TECHNICAL CYBERNETICS, NO. 1, 1966. 6 Jun 66, 281p, 147refs. JPRS-35873.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-66-32307

Trans. of Akademiya Nauk SSSR. Izvestiya. Tekhnicheskaya Kibernetika, n1 184p 1966.

TT-66-61367 Field 9B

Doncov, B.
COMPUTER TECHNOLOGY: COMPILATION OF ABSTRACTS. 17 Feb 66, 42p, 41refs. ATD-66-19; AD-633 373.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-633 373

Rept. on Surveys of Soviet Scientific and Technical Literature.

C. Electronic and electrical engineering

TT-66-32604 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 39. 24 Jun 66, 84p. JPRS-36170.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32604

TT-66-32823 Field 9C

USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 1. 11 Jul 66, 18p. JPRS-36391.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32823

TT-66-33011 Field 9C

USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 3. 19 Jul 66, 28p. JPRS-36580.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33011

10 ENERGY CONVERSION (NON-PROPULSIVE)

No Entries

11 MATERIALS

A. Adhesives and seals

TT-66-60933 Field 11A, 7D, 11J

Shmurak, I. L.
CERTAIN FACTORS DETERMINING THE FORMATION OF CHEMICAL BONDS ON THE BORDER OF ADHESIVE COMPOUND AND SUBSTRATE (O Nekotorykh Faktorakh, Opredelyaiushchikh Vozniknovenie Khimicheskikh Svyazei na Granitse Razdela Adgeziv-Substrat). 1966, 7p, 14refs. Trans-2129; AD-630 744.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-630 744

Trans. of Kauchuk i Rezina (USSR) v24 n9 p23-6 1965.

C. Coatings, colorants and finishes

TT-66-60953 Field 11C

Lapatukhin, V. S.
CORROSION PROTECTION BY COLD PHOSPHATIZATION. Jan 66, 21p, 14refs. FSTC-HT-23-24-66; AD-630 848.
Order from CFSTI or ETC: HC$2.60, MF$0.50 as AD-630 848

Trans. of Zhurnal Prikladnoi Khimii (USSR) v24 n4 p373-82 1951.

TT-66-61785 Field 11C, 11F

Kaden, W.
ON THE FORMATION OF OXIDE FILMS ON ALUMINUM (Beitrag zu den Wachstumsvorgangen von Oxidschichten auf Aluminium). Jul 66, 31p. ERDL-T-1849-66; AD-635 687.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-635 687

Trans. of Aluminium (West Germany) v39 p33-41 1963.

E. Fibers and textiles

TT-65-20338 Field 11E

Kelbert, D. L.
BESTIMMUNG DER LUFTVERSTAUBUNG IN BAUMWOLL-BETRIEBEN BEI DER BEHANDLUNG VON HAND- UND MASCHINENGEPFLUCKTER ROHBAUMWOLLIE. 6p.
Order from ETC or TIB: $1.10 as TT-65-20338

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii. Tekhnologiya Tekstilnoi Promyshlennosti (USSR) n5 p46-9 1963.

TT-65-20419 Field 11E

Salivon, N. I.; Kazanskii, M. F.
DER EINFLUSS VERSCHIEDENER FORMEN DER FEUCHTIGKEITSBINDUNG AUF DIE WARMEPHYSIKALISCHEN EIGENSCHAFTEN EINIGER BAUMWOLLGEWEBE. 9p.
Order from ETC or TIB: $1.10 as TT-65-20419

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii. Tekhnologiya Legkoi Promyshlennosti (USSR) n1 p48-53 1964.
Another trans. is available in English from RTS, 15s, as RTS-3173, 11p.

TT-66-32548 Field 11E, 2C, 13K

COMMUNIST CHINA'S INDUSTRY AND MATERIALS: TRANSLATIONS NO. 124. 21 Jun 66, 12p. JPRS-36114.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32548

F. Metallurgy and metallography

TT-66-30946 Field 11F

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 283. 11 Mar 66, 18p. JPRS-34506.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-30946

TT-66-32572 Field 11F, 13H

USSR SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 31. 23 Jun 66, 109p. JPRS-36138.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32572

TT-66-32743 Field 11F

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 1. 6 Jul 66, 16p. JPRS-36311.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32743

TT-66-32785 Field 11F

USSR INDUSTRIAL DEVELOPMENT: METALWORKING EQUIPMENT NO. 196. 7 Jul 66, 16p. JPRS-36353.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32785

TT-66-32794 Field 11F

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 1. 7 Jul 66, 138p. JPRS-36362.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-32794

TT-66-32857 Field 11F

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 2. 12 Jul 66, 21p. JPRS-36425.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32857

TT-66-33014 Field 11F

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 4. 20 Jul 66, 15p. JPRS-36583.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33014

TT-66-33037 Field 11F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 1. Acta Metallurgica Sinica. 21 Jul 66, 15p. JPRS-36606.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33037

TT-66-60987 Field 11F, 14B

Kocherzhinskii, Yu. A.; Kobzenko, G. F.; Pan, V. M.; Sviridenko, V. K.; Yunko, L. M.
CALIBRATION OF THE VR-5/20 THERMOCOUPLE TO CRITICAL POINTS UP TO 3000oC. DETERMINATION OF THE MELTING POINTS OF VANADIUM AND NIOBIUM OF HIGH PURITY. 17 Mar 66, 6p, 4refs. FTD-TT-65-1888; AD-630 971.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as AD-630 971

Unedited rough draft trans. of Akademiya Nauk URSR, Kiev. Instytut Metalofizyky. Sbornik Nauchnykh Rabot, v17 p209-10 1963.

TT-66-60996 Field 11F

Aleksandrova, N. P.
CAST AUSTENITIC NON-NICKEL STEEL. 17 Mar 66, 6p. FTD-TT-65-1398; AD-630 992.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as AD-630 992

Unedited rough draft trans. of Mashinostroenie (USSR) n5 p35-6 1964.

TT-66-61782 Field 11F, 11C

Modic, F.
ON THE FORMATION OF NOT COMPLETELY WEAR-RESISTANT COATINGS ON THE ANODIC OXIDE FILM WHEN ADDING CERTAIN DYES TO THE SEALING BATH (Ueber die Bildung Nicht Abriebfester Auflagen auf de Anodischen Oxydschicht beim Zusatz Gewisser Farbstoffe zum Sealbad). Jun 66, 15p, 8refs. ERDL-T-1855-66; AD-635 648.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 648

Trans. of Aluminium (West Germany) v36 p457-61 1960.

TT-66-61783 Field 11F

Tragner, E.; Kappel, G.
RECENT DEVELOPMENTS IN THE FIELD OF HIGH -GLOSS ALUMINUM (Neuere Entwicklung auf dem Gebiet der Aluminium-Glanzwerkstoffe). Jul 66, 17p. ERDL-T-1852-66; AD-635 649.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 649

Trans. of Aluminium (West Germany) v36 n5 p267-71 1960.

H. Oils, lubricants, and hydraulic fluids

TT-66-30880 Field 11H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 282. 7 Mar 66, 22p. JPRS-34440.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-30880

I. Plastics

TT-66-60504 Field 11I

Chernyak, K. I.
EPOXY COMPOUNDS AND THEIR APPLICATION. 1958, 194p, 22refs. Trans-775; AD-628 008.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as AD-628 008

Trans. of Unidentified mono., Leningrad 1959.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-66-61777 Field 12A

Zakharyan, V. S.; Nazaryan, E. O.
COMPLETE RADIAL VARIATION OF ONE CLASS OF HARMONIC FUNCTIONS (O Polnoi Radialnoi Variatsii Odnogo Klassa Garmonicheskikh Funktsii). Tr. by Walter L. Burton. 1966, 13p, 3refs. ACIC-TC-1073; AD-635 574.
Order from CFSTI or ETC: HC$6.00, MF$0.50 as AD-635 574

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v41 n2 p65-72 1965.

B. Operations research

TT-66-61786 Field 12B

Petrosyan, L. A.
THE REDUCTION OF THE SOLUTION OF A GAME OF PURSUIT FOR SURVIVAL PAYOFF TO THE SOLUTION OF A COUCHY PROBLEM FOR A FIRST ORDER PARTIAL DIFFERENTIAL EQUATION. Tr. by W. Urusky. 1 Jun 66, 9p. RSIC-565; AD-635 733.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 733

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v40 n4 p193-6 1965.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-66-61780 Field 13A

Dumrath, H. W.
ALL-ALUMINUM RADIATORS (Ganzaluminum-Autokuler). Jun 66, 8p. ERDL-T-1850-66; AD-635 646.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 646

Trans. of Aluminum (West Germany) v36 n6 p337-8 1960.

B. Civil engineering

TT-66-32431 Field 13B, 13J, 13F, 2E, 6H, 5D

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 446. 14 Jun 66, 93p, refs. JPRS-35997.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32431

TT-66-51040/3 Field 13B, 18H, 6J, 6I

STAUB REINHALTUNG DER LUFT IN ENGLISH, VOL. 25, NO. 3, 1965. Hygiene Effects and Control of Dusts, Fogs,

Gases, Vapours, Radioactive Particles. Tr. by D. Ben-Yaakov. 1966, 63p, refs. SFCSI-HEW(TT-66-51040/3). Order from CFSTI: $2.00 as TT-66-51040/3

Trans. of technical articles and patent sections from Staub (West Germany) v25 n3 1965.

C. Construction equipment, materials and supplies

TT-66-32551 Field 13C

USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 97. 21 Jun 66, 13p. JPRS-36117.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32551

TT-66-32742 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 1. 6 Jul 66, 22p. JPRS-36310.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32742

TT-66-32822 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 3. 11 Jul 66, 18p. JPRS-36390.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32822

TT-66-33010 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 4. Development and Improved Mechanization of Construction in the Years 1966-70. 19 Jul 66, 17p. JPRS-36579.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33010

F. Ground transportation equipment

TT-66-32472 Field 13F, 13M

Shvedov, Yu. V.
NEW TRANSPORT VEHICLES FOR PIPELINE CONSTRUCTION. 16 Jun 66, 6p. JPRS-36038.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32472

Trans. of Stroitelstvo Truboprovodov (USSR) v11 n4 p15-8 1966.

TT-66-32557 Field 13F, 13J

SOVIET TRANSPORTATION: TRANSLATIONS NO. 117. 23 Jun 66, 25p. JPRS-36123.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32557

G. Hydraulic and pneumatic equipment

TT-66-32529 Field 13G, 9C, 13C

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 323. Measurement of Characteristic Electric Values of Reinforced Concrete Ties on Track Sections with Automatic Block. 21 Jun 66, 6p. JPRS-36095.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32529

TT-66-32726 Field 13G

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 32. Journal of Hydraulic Engineering. 30 Jun 66, 16p. JPRS-36294.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32726

H. Industrial processes

TT-65-31576 Field 13H

STUDIES IN CLAD TUBING AND THE MECHANICAL AND ELECTRICAL PROPERTIES OF ALUMINUM ALLOYS. 13 Jul 65, 17p, 12refs. JPRS-31078.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31576

Trans. of Tsvetnye Metally (USSR) v38 n5 p73-8, 82-5 1965.
For another listing of this journal see, 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.
Available copy will not permit fully legible reproduction.

I. Machinery and tools

TT-66-32603 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 194. 24 Jun 66, 20p. JPRS-36169.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32603

TT-66-32630 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET INDUSTRY NO. 68. 27 Jun 66, 23p. JPRS-36197.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32630

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

TT-66-60983 Field 14B, 9E

Vishnevskii, L. D.; Akselrod, Z. M.
THE QUESTION OF CALCULATING THERMAL COMPENSATION IN OSCILLATORY CIRCUITS (AND) STABILIZATION OF THE OSCILLATION PERIOD OF

THE BALANCE WHEEL IN A NEW TYPE ESCAPEMENT REGULATOR WITH RESTRICTED MOVEMENT. Feb 66, 33p, 3refs. FSTC-HT-23-39-66; AD-630 929. Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-630 929

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Priborostroenie (USSR) v4 n3 p11-8, 83-94 1961.

15 MILITARY SCIENCES

TT-66-31445 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 240. 12 Apr 66, 72p, 7refs. JPRS-35007. Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-31445

TT-66-32852 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 286. Principles of Soviet Military Legislation. 12 Jul 66, 400p. JPRS-36420. Order from CFSTI or ETC: HC$7.00, MF$1.75 as TT-66-32852

Trans. of mono. Osnovy Sovetskogo Voyennogo Zakonodatelstva, Moscow, 1966 p47-432.

TT-66-32862 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 287. Interior Service Regulations of the Armed Forces of the USSR. 12 Jul 66, 144p. JPRS-36430. Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-32862

B. Chemical, biological, and radiological warfare

TT-66-61466 Field 15B, 6F, 6M, 6E

CBE FACTORS: MONTHLY SURVEY NO. 5. 1966, 162p. ATD-66-50; AD-634 099. Order from CFSTI or ETC: HC$5.00, MF$1.00 as AD-634 099

Based on Communist World open sources.

C. Defense

TT-66-32666 Field 15C

SOVIET MILITARY TRANSLATIONS NO. 283. Some Aspects of CPSU Program For National Defense. 28 Jun 66, 36p. JPRS-36233. Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-32666

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-65-33594 Field 17B

HERALD OF COMMUNICATIONS, VOL. 25, NO. 9, 1965: SELECTED ARTICLES. 24 Nov 65, 101p. JPRS-33017. Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-33594

Trans. of Vestnik Svyazi (USSR) v25 n9(306) p1-34 1965. For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-34098 Field 17B

HERALD OF COMMUNICATIONS, VOL. 25, NO. 10(307), 1965. 29 Dec 65, 97p. JPRS-33524. Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-34098

Trans. of Vestnik Svyazi (USSR) v25 n10(307) p1-91 1965.

18 NUCLEAR SCIENCE AND TECHNOLOGY

J. Reactor materials

TT-65-22609 Field 18J

Tashchilova, L. P.
DIE VERWENDUNG VON EPOXYDHARZEN BEI DER HERSTELLUNG VON IMPRAGNIERTEM GRAPHIT. Order from TIB DM 25.00

Trans. in German of Khimicheskaya Promyslennost (USSR) n4 p303-4 1964.

19 ORDNANCE

No Entries

20 PHYSICS

TT-66-32573 Field 20-, 12-

USSR SCIENTIFIC ABSTRACT: PHYSICS AND MATHEMATICS NO. 66. 23 Jun 66, 120p. JPRS-36139. Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-32573

TT-66-32594 Field 20-, 12A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 37. 23 Jun 66, 15p. JPRS-36160. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32594

TT-66-33036 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 40. 21 Jul 66, 26p. JPRS-36605. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33036

B. Crystallography

TT-66-61769 Field 20B

Danilenko, V. M.; Tikhonov, L. V.
CRYSTAL LATTICE DEFECTS AND X-RAY SCATTERING (Defektii Kristallicheskoi Reshetki i Rasseianie Rentgenovskikh Luchei). Tr. by George E. Brady, Jr. Apr 66, 106p, 116refs. AmMetSoc-T-R-547; AD-635 407.

Order from CFSTI or ETC: HC$4.00, MF$0.75 as AD-635 407

Trans. of Akademiya Nauk URSR, Kiev. Instytut Metallofizyky. Sbornik Nauchnykh Rabot n15 79p 1962. Contract AF 19(628)-3880

C. Electricity and magnetism

TT-66-60967 Field 20C, 20F

Obukhova, E. S.; Rudnevskii, N. K.
INVESTIGATION OF CHARACTERISTICS OF INFLOW OF AL-ZN ALLOY MATERIAL INTO AN AC ARC DISCHARGE AND CONCENTRATION DEPENDENCE OF THE INTENSITY OF ALUMINIUM AND ZINC LINES. 20 Jan 66, 11p, 11refs. FTD-TT-65-1503; AD-630 874.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as AD-630 874

Unedited rough draft trans. of Trudy po Khimii i Khimicheskoi Tekhnologii (USSR) n1 p43-6 1963.

TT-66-60984 Field 20C, 20L

Chuang Wei-Hua; Pan Kuei-Sheng; Chang Kuang-Chi; Hsu Shao-Hung.
MEASUREMENT OF MINORITY CARRIER LIFETIME IN GERMANIUM AND SILICON BY THE SPREADING RESISTANCE PHOTO DECAY METHOD (AND) CALORIMETRIC METHOD OF MEASURING ABSORBED POWER IN ELECTROLUMINESCENCE. Dec 65, 26p, 2refs. FSTC-381-T65-667; AD-630 930.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-630 930

Trans. of Wu Li Hsueh Pao (Chinese People's Republic) v18 n5 p250-3 1962; v19 n3 p191-201 1963.

D. Fluid mechanics

TT-65-60992 Field 20D

Kazin, I. B.
THE RADIAL DISTRIBUTION OF STEAM IN AN ASCENDING TURBULENT STREAM-WATER FLOW. 1965, 7p. WAPD-Trans-10.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as WAPD-Trans-10

Trans. of Teploenergetika (USSR) v11 n1 p40-3 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-61787 Field 20D

Bashkatov, V. A.; Tsvetkova, A. A.
SOME PECULIARITIES IN THE DESIGN OF A NONEQUILIBRIUM TWO-STEP NOZZLE. Tr. by W. Urusky. May 66, 14p, 6refs. RSIC-545; AD-635 734.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-635 734

Trans. of Akademiya Nauk SSSR, Sibirskoe Otdelenie. Izvestiya, n6, Seriya Tekhnicheskikh Nauk n2 p88-93 1965.

21 PROPULSION AND FUELS

A. Air-breathing engines

TT-66-60934 Field 21A, 21E

Merkulov, I. A.
PROBLEMS OF SPACE AIR-BREATHING JET ENGINES. Tr. by Andrew Chramiec. 17 Jan 66, 23p, 12refs. ATD-66-8; AD-630 764.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-630 764

Trans. of Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n5 p159-72 1965.

D. Fuels

TT-65-20017 Field 21D

Chermkov, Ya. B.; Englina, G. B.
THE COMPOSITION AND CONVERSION PROPERTIES OF GUMS OF MIDDLE DISTILLATE FUELS. Tr. by L. Mote. 9p. Shell Trans-1109; MTWL-1362.
Order from ETC: $1.10 as TT-65-20017

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v10 n3 p55-7 1965.
Another trans. is available from TIB.
Another trans. is available from NLL, 8p.
For another listing of this journal see 'Translated or Abstracted Publicatio ns,' in TT Vol. 16, No. 4.

TT-66-32443 Field 21D, 5D, 5C

Rackhov, B.; Vilba, M.
SOVIET CRITICISM OF WESTERN OIL INTEREST IN MIDDLE EAST. 15 Jun 66, 11p. JPRS-36009.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32443

Trans. from Izvestiya (USSR) 24 May p2 1966 and from Pravda Ukrainy (USSR) 17 May p3 1966.

TT-66-60971 Field 21D

Chertkov, Ya. B., Marinchenko, N. I., Zrelov, V. N.
METHOD OF ANALYSIS OF MICROCONTAMINATIONS AND RESIDUES IN MEDIUM DISTILLATE FUELS. 21 Jan 66, 10p, 5refs. FTD-TT-65-1648; AD-630 878.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as AD-630 878

Unedited rough draft trans. of Neftepererabotka i Neftekhimiya (USSR) n11 p16-8 1963.

22 SPACE TECHNOLOGY

B. Spacecraft

TT-66-60992 Field 22B, 3B

ZOND-3: UNIVERSAL SCOUT OF THE UNIVERSE. 20 Jan 66, 6p. FTD-TT-65-1502; AD-630 976
Order from CFSTI or ETC: HC$1.10, MF$0.50 as AD-630 976

Unedited rough draft trans. from Pravda Vostoka (USSR) 25 Aug p3 1965.